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lobster **elite**

Owner's Manual Elite Models 1 - 3

built for life®

LOBSTER
7340 Fulton Avenue
North Hollywood, CA 91605

place stamp here

TO OUR CUSTOMERS

Thank you for purchasing a Lobster ball machine.
Please read this owner's manual in its entirety before operating your Lobster ball machine.

CHECK FOR SHIPPING DAMAGE

Inspect your machine for possible shipping damage.
Test all of the machine's functions. If your machine is damaged, call Lobster Sports immediately at 800.526.4041.

SAVE THE ORIGINAL SHIPPING BOX

The original box should always be used, if it is necessary to ship the machine back to the factory.

Serial Number: _____

Purchase Date: _____

⚠ WARNING

TO AVOID INJURY:

- Keep face out of ball path - balls can shoot out from opening at any time.
- Use only for tennis practice with conventional tennis balls.
- Never place body parts or objects into machine.
- Never operate with parts removed.
- Never add balls while machine is running.
- Never put wet tennis balls in machine.

7340 Fulton Avenue
North Hollywood, CA 91605
tel 800.526.4041 fax 818.764.6061

www.lobstersports.com
sales@lobstersports.com
support@lobstersports.com

CE

WARRANTY REGISTRATION - Fill out info below, tear at perforation and mail back to validate warranty. (* Required Fields.)

Machine Serial Number* _____

Name* _____ Email* _____

Mailing Address* _____ City* _____ State* ____ Zip* ____

Phone* _____

Purchase Date* _____ Where Purchased* _____

How did you learn about Lobster? (circle) Lobster Website Google Yahoo MSN Pro Friend Dealer
Dealer Website _____ Tennis Magazine Tennis Week Magazine Other Magazine/Search Engine _____

What attracted you to this product? (circle) Quality Design Price Reputation Previous Customer Portability Better Features

Income (circle) $40-60K $60-80K $80-$100K $100-$120K $120-140K $140-$160K $160-$180K $180-200K $200K+

Age (circle) 15-25 25-35 35-45 45-55 55-65 65-75 75-85 85+

Occupation _____

OPTIONAL EXTENDED WARRANTY Please send in a separate envelope within 60 days of purchase.

Credit Card # _____ Expiration Date _____

Verification Code (last 3 digits in signature bar) _____ Select (circle) Visa Mastercard Discover Card

Authorization Signature _____

Please select from the following:	
■ 1 Year	$65
■ 2 Years	$110
■ 3 Years	$149

Lobster Sports warrants each Lobster Elite machine purchased will be free from DEFECTS IN MATERIAL AND WORKMANSHIP for the extended period specified above past the normal 2 year limited warranty. The extended warranty period will run consecutively from the warranty period determined at time of purchase. **It does not cover parts worn under normal use,** specifically the battery and the throwing wheels.

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WARRANTY

Limited Warranty: Lobster Sports warrants that each Lobster Sports ball machine purchased will be free from defects in material and workmanship for 2 years from the date of purchase except for the battery which is warranted for 6 months. Demonstration models and reconditioned machines have a 1 year warranty. Said warranty to be determined by Lobster Sports at time of purchase. Any part of the ball machine, which proves to be defective in material or workmanship within the 2 year warranty period will be repaired or replaced at Lobster Sport's option with a new or functionally operative part. This warranty is extended only to the original customer of the Lobster Sports ball machine and may be enforced only by such person.

This warranty does not cover the following conditions:

A) Damage resulting from misuse, neglect, alteration, accidents, tampering, abuse, fire, war, insurrection, civil disorder, flood, acts of God or any other casualty;

B) Failure of Customer to properly follow operating instructions provided by Lobster Sports at time of delivery; and

C) Damage caused by use on circuits or voltages other than indicated on the applicable nameplate.

This limited warranty is in lieu of all other express warranties. Any implied warranties of merchantability and fitness for a particular purpose shall coincide in duration with the 2 year limited warranty. The exclusive remedy of the Customer hereunder shall be repair or replacement as stated above. Under no circumstances shall Lobster Sports be liable to the Customer or any other person for incidental or consequential damages of any nature, including, without limitation, damage for personal injury or damages to property; and however occasioned, whether alleged as resulting from breach of warranty by Lobster Sports, the negligence of Lobster Sports.

No agent, employee or representative of Lobster Sports or any other person is authorized to modify this warranty in any respect. This warranty gives you specific legal rights and you may also have other rights, which vary, from state to state.

This limited warranty is void unless Customer completes and returns the enclosed **warranty response form** to Lobster Sports within 30 days of receipt of the ball machine.

MACHINE SETUP

Intended Use

The tennis ball machine is to be used in a dedicated tennis facility. The tennis player must stand on the opposite side of the tennis net at a minimum of 35 feet. The tennis ball machine is designed to throw tennis balls only.

Unpack and Assembly

Remove the machine from the box. Keep the box along with the packing materials in case the machine needs to be shipped back to the factory. The machine is packed with the folding handle in the down or folded position. Remove the machine from the box and lift up on the handle. The handle will be locked when it is in the upright position and the lock-buttons are clicked into place. The lock-buttons are located on the outside of each handle hinge. Detach the hopper. Then, flip and reattach by pushing the hopper on to the case knobs. Do not remove the wire deflectors.

Transporting

The handle is provided to push or pull the machine. Tilt the machine back slightly when pushing or pulling the machine. Be aware of small steps or rough surfaces that could bend or damage the underside of the machine.

To transport the machine in your vehicle, invert the hopper over the machine casing. Fold the handle down over the machine. This can be done by standing behind the machine and placing hands on each outer side of the handle hinges. Move sliding buttons on inside of handle hinges to the top or unlocked position. The machine weighs approximately 44 pounds and and may be lifted into a vehicle by 1 or 2 people. Use the molded handholds on the underside to lift and carry the machine.

MAINTENANCE

Storage

Store the machine in a clean, dry location. Never store the machine in a closed car trunk where temperatures can reach 180 degrees. Extreme temperatures and conditions can affect the machine's electronic board and battery. Exposure to rain and snow will damage the electronics.

Cleaning

Turn the power OFF when cleaning the machine. The outside of the machine may be wiped down with a mild detergent. The inside of the machine may be vacuumed to remove tennis ball fuzz. The Lobster storage cover is an ideal way to protect your machine from the elements.

A.
B.
C.
D.
E.
F.
G.
H.
I.
J.
K.
L.
M.

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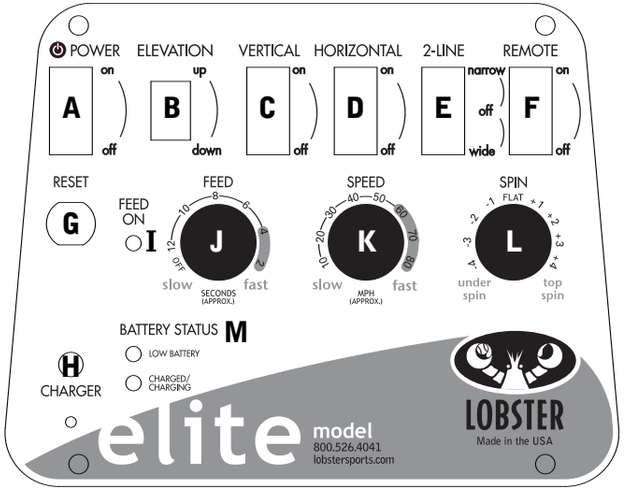
CONTROL PANEL



A. Power Switch – Powers the machine on and off.

B. Elevation – Adjusts the ball the ball trajectory up and down.

C. Vertical Switch – Turns on and off the random vertical oscillation. Available on Elite Two and Elite Three machines only.

D. Horizontal Switch – Turns on and off the random horizontal oscillation.

E. Two-line Switch – Turns on the 2-line function for narrow and wide options. Available on Elite Three only.

F. Remote Switch – Activates the remote control handheld keyfob. If you did not purchase a remote, this switch is not active until you upgrade your machine. An upgrade is available from your dealer or direct from the factory.

G. Reset Button – The reset button pops out, in the event of a malfunction. If the reset button pops out, call Lobster Customer Service at 800.526.4041.

H. Basic Charger Jack – This jack is for the basic charger.

I. Feed On LED – LED will light up when the feed motor begins to turn.

J. Feed Knob – Adjusts feed interval between 12-2 seconds. Turn fully counterclockwise to turn off the feed.

K. Speed Knob – Adjust the speed from 10-80 mph.

L. Spin Knob – Controls amount of spin on the ball.

M. Battery Status Indicator – LED indicates battery charge.

TROUBLESHOOTING continued

Switches Do Not Work on the Control Panel

The wire connections may have been disconnected or loosened. Check connections on the back of the control panel.

- Turn machine off. Remove the four screws holding the panel to the red case, and pull out the control panel carefully. Never touch the control panel directly, especially with metal tools.
- Check for a secure connection on the switch in question. If loose, reconnect. The wires are labeled and the matching terminal is labeled on the electronic board.
- If the machine does not power on, follow the red and black wires behind the Basic or Fast Charger jack and the thickest wires to the battery. Ensure they are securely connected on both ends.
- If the function is still not working after testing the switch, call Lobster Customer Service at 800.526.4041.

Machine Errors

The electronics are programmed to help diagnose a machine error. The LED indicator will flash in the patterns listed below. If the error message continues to flash, call Lobster Customer Service at 800.526.4041.

LED INDICATORS	MACHINE ERROR
2 flashes, pause, 2 flashes, pause	**Feed motor error -** If the feed wheel jams, turn machine off, remove jammed ball, and turn the machine back on.
3 flashes, pause, 3 flashes, pause	**Top serve motor error -** Turn machine off, check for jammed balls, remove case, remove jammed ball, close case and turn machine on.
4 flashes, pause, 4 flashes, pause	**Bottom serve motor error -** Turn machine off, check for jammed balls, remove case, and remove jammed ball, close case and turn machine on.
5 flashes, pause, 5 flashes, pause	**Sweep motor error -** Turn machine off, check for any impediment to ability to sweep, remove it, and turn machine on.

CUSTOMER SERVICE

Since 1970, Lobster Sports has been dedicated to providing outstanding customer service. We invite our customers to contact us at **800.526.4041** between 8:00am - 4:30pm PST, Monday-Friday or email us at support@lobstersports.com

Shipping Damage

If an order arrives with shipping damage, contact Customer Service immediately for a replacement. A replacement part may be sent or a damage call tag may be issued to replace the damaged product.

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CHARGING INSTRUCTIONS continued

Using an Export (240v) Machine with the Premium Fast Charger

For ball machines used outside the US, you must charge the machine with the appropriate Premium Fast Charger to fit your country's voltage requirements. Using a 110v charger outside the US will damage the ball machine and void the warranty. Please contact Lobster Sports at info@lobstersports.com or visit www.lobstersports.com for more information.

Battery Capacity

When the machine is not in use (i.e. during the winter season or when in storage) charge the machine **every month.** Before storing the machine, ensure the battery is fully charged. Never let the machine go uncharged for more than 1 month. The most common reason for a dead battery is a dead AC outlet. Ensure the machine is connected to a live AC outlet and is receiving a charge.

The following LED settings indicate battery charge:

- **Green** ON & **Red** OFF .....Battery at full charge
- **Green** FLASHING & **Red** OFF .....Battery at 1/3 charge
- **Green** OFF & **Red** FLASHING .....Battery has 10-15 minutes left
- **Green** OFF & **Red** ON .....Battery drained
- **Green** & **Red** Alternate Flashing .....Power Error (see table on next page)

The following LED sequence indicate the charging sequence.

- **Red** FLASHING .....Battery at less than 1/3 charge
- **Red** ON .....Battery at 1/3 charge
- **Green** FLASHING & **Red** OFF .....Battery at 2/3 charge
- **Green** ON & **Red** OFF .....Battery at full charge

The most common reason for shortened battery usage is chronically overcharging or undercharging the machine.

TROUBLESHOOTING

Machine Serial Number

For any troubleshooting question, call support with your machine's serial number. The machine serial number can be found on the underside of the machine. Call Lobster Customer Service at 800.526.4041 or visit the Troubleshooting link on www.lobstersports.com.

- Lift the front of the machine using the molded handhold.
- The serial number is found on the white sticker affixed to the metal platform.

OPERATING INSTRUCTIONS

Court Placement

To ensure the best position and widest range of sweep, use the white court placement indicator on the bottom of the machine and place the machine at the center mark on the baseline.

If desired, moving the machine closer to the net will narrow the sweep or moving it back from the baseline will widen it. To sweep the machine left to right, turn on the horizontal sweep and turn off when the machine is in desired position. It is not necessary to pick up and reposition the machine.

Ball Consistency

A mixture of new and old balls will produce inconsistent ball throws. Pressureless balls are recommended for use with a ball machine.

Power the Machine

Turn the machine on using the Power Switch on the control panel.

- Set the feed anywhere from 2 to 12 seconds.
- Put 3-4 balls in the machine and wait 20 seconds for the machine to start feeding. Confirm the elevation, speed, and spin are appropriate; adjust if necessary. Once you have set the machine up properly, turn the machine off; load the hopper full of balls, and turn on the machine.
- The 20 second delay will allow you time to walk to the other side of the court and position you for the first shot.
- To turn off the feed, rotate the knob fully counterclockwise without turning machine off. This will save battery capacity and allow time to retrieve balls on the court.

Two-Line Oscillation Setup (Available with Elite Three Only)

The two-line function automatically shoots to two preset locations allowing you to practice alternating forehand and backhand shots. You may choose 2-line narrow or wide for added versatility.

- Fill the hopper, then turn the Power Switch ON.
- Set the desired speed. Turn on horizontal oscillation.
- For a 4-second interval per ball, set the feed from 2-8 seconds.
- For an 8-second interval per ball, set the feed from 10-12 seconds.
- During the 20 second feed delay, select Narrow or Wide

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OPERATING INSTRUCTIONS continued

Triple Oscillation Setup (Available with Elite Two and Elite Three Only)

Triple oscillation features random shots across the width and depth of the singles court.

- Turn ON the machine.
- Set the speed to 60 mph and feed rate at 8 seconds.
- Turn on the vertical oscillation.
- Watch the elevation indicator and turn the vertical oscillation off at its lowest point.
- Adjust the elevation until the balls are just going over the net. If any balls hit the net, adjust the elevation up. If any balls shoot past the baseline, adjust the elevation down.
- Turn on the vertical oscillation for deep/short shots.
- Turn on the horizontal oscillation for random left/right.
- Maintain the speed at 60 mph for optimum results.

Remote Control (Optional)

The dual function remote control keyfob will operate when the remote switch on the control panel is on. Use the buttons to turn on/off the feed and oscillation or sweep.

△ **Feed**: on/off ○ **Sweep**: on/off

If necessary, follow these steps to troubleshoot the remote's functions.

- If the remote control does not work, check wires are securely connected. Turn machine off and undo the four screws on the control panel. Pull out the control panel carefully. Do not touch the green electronic board directly. Reconnect any loose wires behind the remote switch.
- The range of the remote control may be influenced by local environmental factors. If remote functions in a short range, you may need to replace the battery for the handheld keyfob. Call Lobster Customer Service at 800.526.4041 for replacement or visit your local hardware store.

CHARGING INSTRUCTIONS

Charging the Battery with the Basic Charger

The battery ships fully charged from the factory. You may charge the machine for 8-12 hours before playing or until the LED indicator is solid green.

- Insert the Basic Charger into the control panel jack.
- Plug the charger into a live AC outlet and charge the machine until the LED indicator is solid green. A solid green indicates the battery is fully charged.
- Depending on usage, the charging time will range from 12-36 hours.
- To avoid overcharging your battery, disconnect the charger after the LED indicator is solid green. Never charge the battery for longer than 48 hours continually.
- For optimal battery life, charge the battery with the Basic Charger after each use.

Charging the Battery with the Premium Fast Charger or Fast Charger

When charging the machine with a Fast Charger, the charging LED indicators on the control panel are **bypassed**. Use the LED indicator on the Fast Charger. Trickle charge technology ensures the battery will not be overcharged.

- For the Premium Fast Charger, insert 3-prong XLR battery charger connector into the receptacle to the left of the control panel. Plug the charger into a live electrical outlet. The battery will be fully charged in 2-3 hours.
- For the Fast Charger, insert the 3-prong XLR connector into the charger jack located to the left of the control panel. Plug the charger into a live electrical outlet. The battery will be fully charged in 3-9 hours.
- When the LED indicator is orange, the battery is charging. The battery is fully charged when the LED indicator is solid green.
- For optimal battery life, charge the battery with the Fast Charger after each use. It is acceptable to leave the Fast Charger plugged in indefinitely.

Power Machine with Premium Fast Charger or Fast Charger

To use the machine with the Premium Fast Charger or the Fast Charger plugged in, ensure the battery is mostly charged.

- Insert the Fast Charger 3-prong XLR connector into the receptacle to the left of the control panel.
- Plug the Fast Charger into an electrical outlet. Power the machine and play.
- The Fast Charger will extend the play time by 1-2 hours. The Premium Fast Charger will provide unlimited play time. It will NOT fully charge the battery and power the machine at the same time. It will NOT work if battery is dead.